

PACKAGE CONTENTS

- 4-Port Hub
- AC/DC Power Adapter
- USB 2.0 Cable
- This Owner's Manual

CAUTION

- You must use a Class 2 power source that supplies 5 volts DC and delivers at least 2.5 Amps. Its center tip must be set to positive and its plug must fit the USB hub's **5VDC 2.5A** jack. The supplied adapter meets these specifications. Using an adapter that does not meet these specifications could damage the USB hub or the adapter.
- Always connect the AC adapter to the USB hub before you connect it to AC power. When you finish, disconnect the adapter from AC power before you disconnect it from the USB hub.

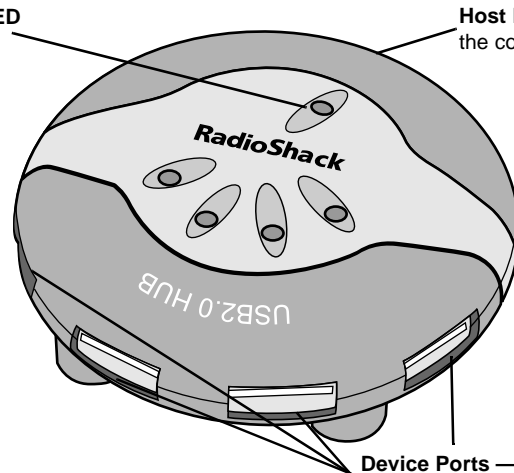
NOTE

In order to reach USB 2.0 speed, you must have a computer or host adapter card that has USB 2.0 support. This device automatically senses the speed of your USB port and adjusts between USB 1.0 and USB 2.0 speed.

POWER LED

Hot Swappable — lets you add, remove, install, and configure peripherals while your computer is running.

Plug and Play Function — automatically senses, installs or configures any USB device you connect to the computer.



Host Port — connection to the computer

Tiered Star Topology — supports up to 127 USB devices with varying data speeds from 1.5Mbps (low speed) to 12 Mbps (full speed), or 480 Mbps (high speed).

Device Ports — connection to the peripheral USB devices

Thank you for purchasing the RadioShack USB 2.0 4-Port USB Hub. This hub supports a transmission rate of up to 480 Mbps (megabits per second) which is 40 times faster than the USB 1.1's 12 Mbps and the IEEE 1394 firewires' 400 Mbps transmission rate. It is fully compatible backward with USB Revision 1.1 devices and allows your existing USB devices to function as usual.

The hub's four external downstream type-A USB ports allow you to connect four USB devices such as a keyboard, mouse, printer, scanner, or camera that can all function simultaneously.

By sharing its increased bandwidth, the 4-port USB 2.0 hub offers high performance through multiple peripheral device connections. Peripheral devices requiring high speed transmission rates, such as external storage devices, scanners, DVD drives, CD-RW drives, MO (Magneto-Optical) drives, digital cameras, and camcorders, normally require the use of the more expensive firewires (IEEE 1394). The USB 2.0 hub can satisfactorily support these peripherals at a huge cost savings.

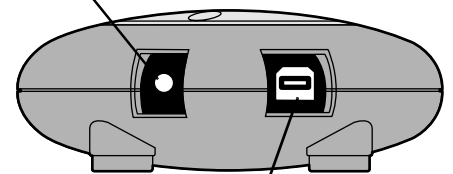
SYSTEM REQUIREMENTS

- Windows 98SE/ME/2000/XP
- PC or notebook with Pentium 233 MMX or higher and one available USB port
- At least 64 MB RAM

INSTALLATION

1. Plug the supplied AC adapter's barrel plug into the **5VDC 2.5A** jack on the rear of the USB hub.

5VDC 2.5A Jack



HOST Port

2. Plug the adapter's AC plug into a standard AC outlet.
3. Plug the supplied USB cable's B-type (square) connector into the HOST port on the rear of the USB hub.
4. Plug the supplied USB cable's A-type (flat) connector into the PC's host port or the upper level hub.
5. Connect up to four USB devices to the ports on the front of the USB hub. The green indicators on the USB's top panel light if the corresponding USB ports are ready for use.

OVER CURRENT PROTECTION

When power is securely connected, the red POWER LED and the green port LEDs light. In cases of excessive current, the hub's over current protection automatically disconnects power from the related port and that port's green POWER LED goes off. You can reset the USB hub by unplugging the USB cable and then plugging it back in, or by clicking

! IMPORTANT !

If an icon appears at the end of a paragraph, go to the box on that page with the corresponding icon for pertinent information.

! — Important

✓ — Note

⚡ — Caution

💡 — Hint



- If the AC adapter is disconnected from the AC outlet during operation or the USB device draws too much current or shorts, the affected port's light goes out, and Windows sends you a "USB Hub Current Limit Exceeded" message. To reset the port, unplug the device from the affected port and click **Reset** on the error message on screen. (Do not click **Close** or the hub will no longer function.) The port's indicator lights. You can now reconnect a device to the port.
- If your operating system does not display an error message, you can reset the port by unplugging the device from the port then unplugging the hub from your PC. Plug the hub back into your PC and then plug the device back into the port. The port's indicator lights.

RESET if your operating system sends you an error message.

DRIVER INSTALLATION

The Windows 98/SE, 2000, ME, or XP operating systems have the required software driver for operating the USB 4-port hub. As soon as you complete installing the USB hub, Windows searches for the hub's driver. To complete the installation, follow the instructions below for the operating system your computer uses.

WINDOWS 98/SE

1. *Found New Hardware Wizard* dialog box appears. Click **Next**.
2. Click **Search for the best driver for your device. (Recommended)**.
3. Click **Specify a location** for your target drive, and then click **Next**.
4. Windows is now ready to install the best driver for this device appears. Click **Next**.
5. Windows has finished installing the software appears. Click **Finish** to complete installing the driver.

Under **Device Manager**, click **View device by type**. You will see Generic USB Hub on USB 2.0 Bus. under Universal Serial Bus Controllers.

WINDOWS 2000

1. *Found New Hardware Wizard* dialog box appears. Click **Next**.
2. Click **Search for the best driver for your device. (Recommended)**.
3. Click **Specify a location** for your target drive then click **Next**.
4. Windows found a driver for this device appears. Click **Next** to install the driver.
5. Windows has finished installing the software appears. Click **Finish** to complete installing driver.

Under **Device Manager**, you will see Generic USB Hub on USB 2.0 Bus under Universal Serial Bus Controllers.

WINDOWS ME

As soon as you complete installing the USB hub, Windows automatically installs the hub's driver.

WINDOWS XP

1. *Found New Hardware Wizard* dialog box displays. Click **Install the software automatically (Recommended)**, and then click **Next**.
2. Generic USB Hub on USB 2.0 Bus has not passed Windows logo testing appears. Click **Continue Anyway**.
3. Click **Specify a location** for your target drive, and then click **Next**.
4. Windows has finished installing the software appears. Click **Finish** to complete installing the driver.

Under **Device Manager**, you will see Generic USB Hub on USB 2.0 Bus under Universal Serial Bus Controllers.

FREQUENTLY ASKED QUESTIONS

Q: How do I know the USB hub has been installed successfully?

A: Right click **My Computer**, then left click **Properties**, then **Device Manager**, and then **Universal Serial Bus Controller**. The four green LEDs on the front of the USB hub light. If they do not:

1. Go to **Device Manager**. If you find any error items or unknown devices, remove them.
2. In **Device Manager**, click **Universal Serial Bus Controller**. If there are any error items or unknown devices, remove them.
3. Disconnect and reconnect your USB hub's AC adapter's barrel plug or AB type cable. The four green LEDs should light.

Q: Why won't my USB camera (or other USB device) work through the USB hub?

A: Make sure the driver for the device is installed on your PC, the device's power is connected, and the USB hub's AC power adapter is properly connected. If all three conditions are met and the USB hub still does not detect the device, disconnect and reconnect the device to the USB hub.

Q: Why won't the POWER LED on the top of the USB hub light?

A: When a connected device attempts to draw more current than the USB hub can handle, the USB hub automatically cuts off power. Reset the USB hub by disconnecting and reconnecting the USB device(s).

FCC DECLARATION OF CONFORMITY

This device complies with Part 15 of the *FCC Rules*. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Product:	USB 2.0 4-Port USB Hub
Model:	26-192
Responsible Party:	RadioShack 100 Throckmorton Fort Worth, TX 76102
Phone:	817-415-3200

THE FCC WANTS YOU TO KNOW

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the *FCC Rules*. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult your local RadioShack store or an experienced radio/TV technician for help.
- If you cannot eliminate the interference, the FCC requires that you stop using your USB hub.

Changes or modifications not expressly approved by RadioShack may cause interference and void the user's authority to operate the equipment.

CARE

Keep the USB hub dry; if it gets wet, wipe it dry immediately. Use and store the USB hub only in normal temperature environments. Handle the USB hub carefully; do not drop it. Keep the USB hub away from dust and dirt, and wipe it with a damp cloth occasionally to keep it looking new.

Modifying or tampering with the USB hub's internal components can cause a malfunction and might invalidate its warranty and void your FCC authorization to operate it. If your USB hub is not performing as it should, take it to your local RadioShack store for assistance.

SPECIFICATIONS

USB Specifications	USB Revision 2.0 and 1.1
Operating System	Microsoft Windows 98/SE, 2000, ME, XP
Data Speed.....	Low: 1.5 Mbps, Full: 1.2 Mbps, High: 480 Mbps
Upstream Port.....	USB B Type Receptacle 1
Downstream Port.....	USB A Type Receptacle 4
LED Indicators.....	Power × 1 (Red) USB Ports × 4 (Green)
Enclosure.....	Plastic (ABS)
Power Adapter	DC 5V/2.5 Amp
Operating Temperature.....	32° to 104°F (0° to 40°C)
Storage Temperature	-14° to 158°F (-10° to 70°C)
Operating Humidity	10 to 80%
Storage Humidity	5 to 90%
Weight.....	2.46 oz (70 g)
Dimensions	3 1/16 in. × 1 in. (7.8 cm × 2.5 cm)
Accessories	AC Adapter, A/B Type USB Cable

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.

Limited Ninety-Day Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

RadioShack Customer Relations, 200 Taylor Street, 6th Floor, Fort Worth, TX 76102

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